

REPLACEMENT SHEET

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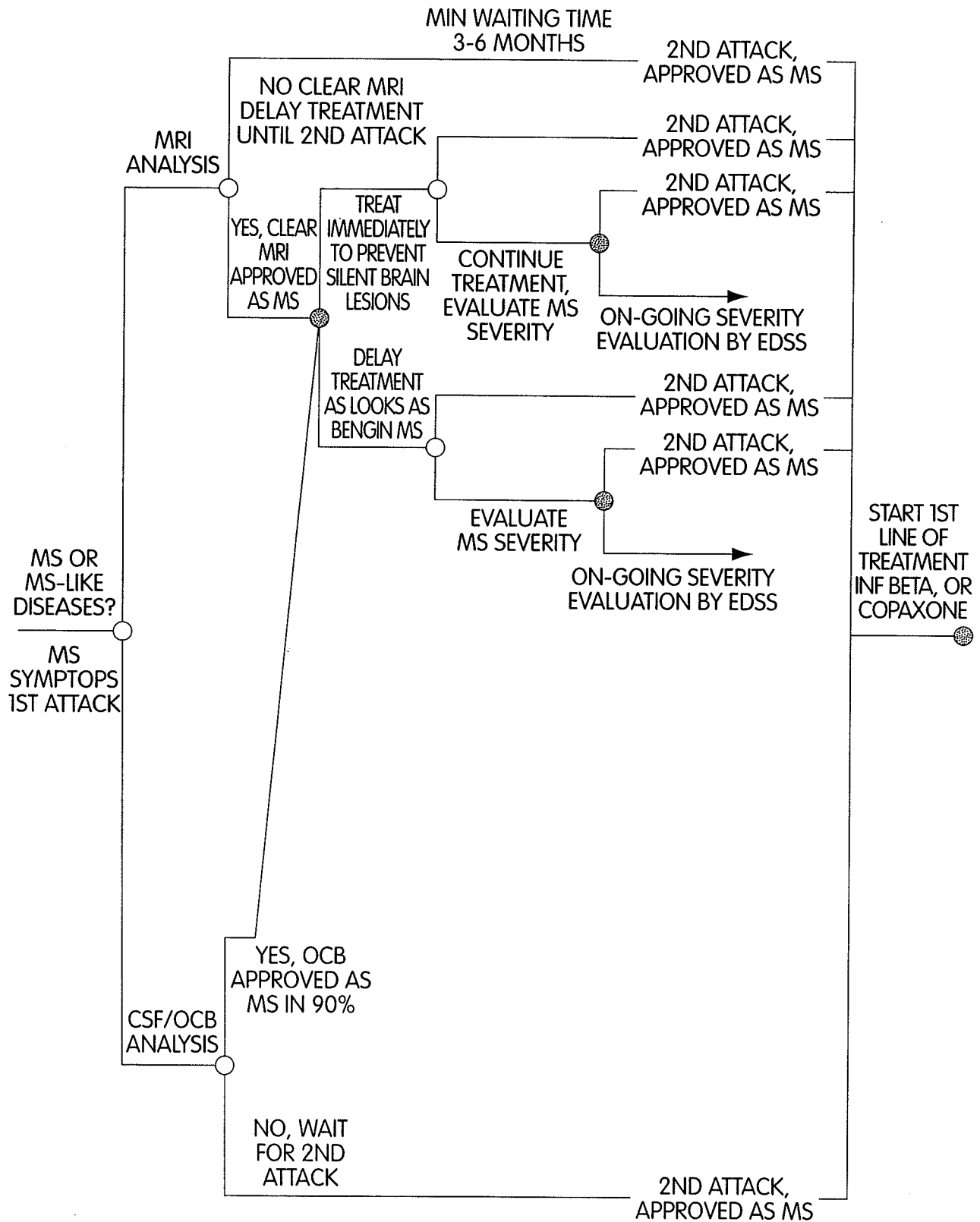


Fig. 1

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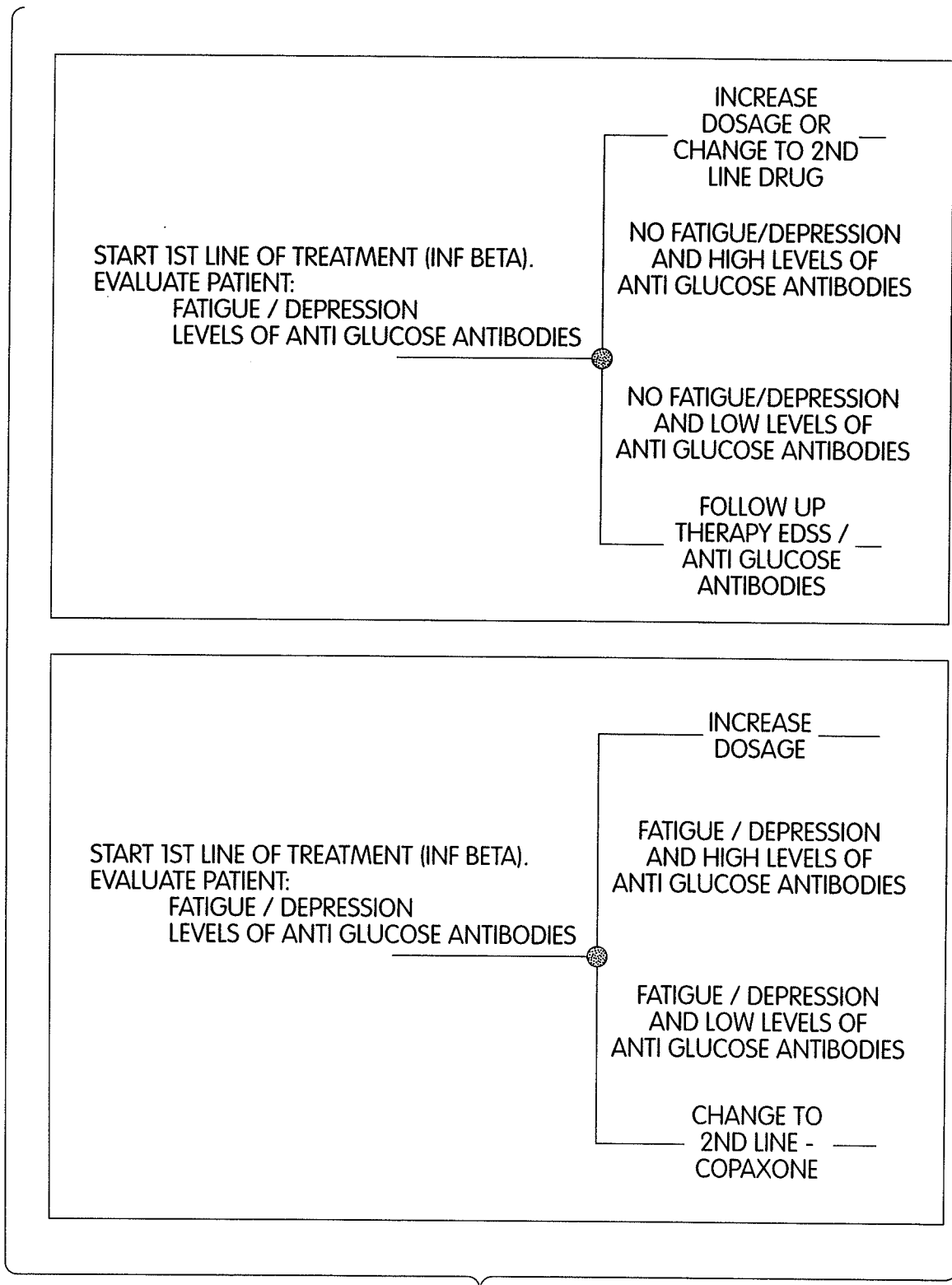


Fig. 2

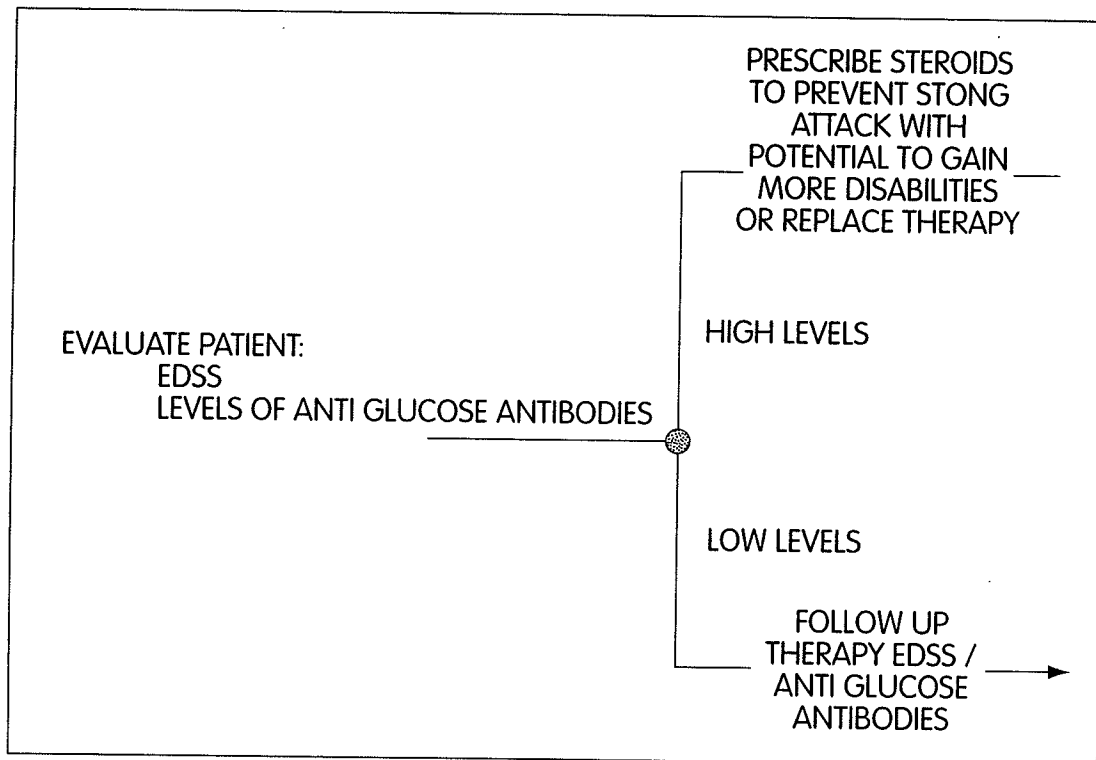


Fig. 3

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[illegible]

400

1000

5

Fig. 4-1

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MS	100	57652	79837	91361	76194		95166	86880	75736	71910	83307			17457	16226	76537		22624	67777	74036	54866	96925	0	55036	
MS	102	81146	88015	84657	96638	76571			80097	93765				92044				82958	58214	77082	67693	98437	73033	0	
MS	103	32079	71963	38678	63042	58831	99171	82004	43689	96520	76810	37039		97867	401	77661	65640	81172	18143	46463	56473	73620	31111	62830	
MS	104	51759		88822	76520	52043	96498	94885	55066	94515	78623	53345		27180	35186	96950	51680		53581	86228	64863	34490	57598	0	
MS	105	32874	36432	20457	41307	457	63382	87466	46824	68174	47898	43467	80105	31181	0	40055	41623	70884	18459	41807	38679	68815	9817	56653	
MS	112	72005				71865			96253					78329	59040	49972	45582		53878	83284			0	0	
MS	131	83124								80041	84267			71535	71294	168	87653	68551	67147	79299		74817	81788	0	
MS	131	41673	90248	67425		68847					77202			72153	16266	931929	94288	81771	55101	85141		74881	0		
MS	137					52019													68273				0		
MS	138	54010	67032		61897	62681		72328	73074			91889			0			66320	73277	68003	62670	58069	86784	0	
MS	145	70165	82766	96246	88117	81626	76162								82514			61909	84946			66693	0		
MS	147	27277	51526	56865	53886	29154		74919	88380	59126	35677	86359	62630	98731	95299	0	67417	64622	0	79891	51211	80086	5781	38302	
MS	167	27157	78486	38645	66621			89489			81171	89996			10076	26672	72653		51260	56167	82705	21472	82724	0	
MS	174	45103	48372	36528	47065	56025		84334	88001	52875	32837	78009	45762	63687	97636	98114	0	68970	54074	57146	51206	76638	75375	84788	
NC	1112																	383381	76954	63617	67885	71079	41078	91703	
NC	1117																			56457		86190	86544	0	
NC	1158	48332	38533	43179	48823	23714	91867	66738	77677	58472	57723	31613	67735	72284	95495	0	39172	5282441	54377	4527	47374	50067	44895	53062	
NC	1119	43829	31386	38984	28622	18815	72888	51471	80494	37214	26105	63847	44538	44512	71534	86536	57223		49946	2734	14197	39010	53864	0	
NC	1120	71450		64182	66493	57665	83926	83655	71648	55519	92997	83489	54004	79077					72719			36315	20	77137	
NC	1104			90887	70228	86894		90123	70629	63591	66481	6000	92074			0	54635		2970	48554	73454	83022	18366	78162	
NC	1121	86528	67892	60482	63104	78514	53991	95808	75120	54789	54707	7883			75346			88887	32047	30623	54627	57469	467	0	
NC	1122	34331	54913	49157	72198	51906	88203	87000	58892	38148	79888	78100	48801	63783	74635	97535	0	47719	48992	0	28198	46828	34115	3241	51473
NC	1067	12415	47720	9800	40145	49482	67710	88285	75158	45884	67882	61886	92733	75274	62145	74654	40258	40842	47046	39803	61958	60821	5741	80754	
NC	1123	31640		90117	68001	46892	66783	80144	58915	56889	51380	86639	94945		95897	0	32918	68808	88104	34786	44866	0	47894	0	
NC	1124					68402				88337					68989	81893		60564	98162	58162	53002	58364	0	73204	
NC	1076																	22768		67740	67445	1428	60569	0	
NC	1125	89225	70466	40839	76723	90159	97652		93656	98422	79748	59830	98521	90122	0	53758			78269	46172	53878	86287	86698	0	
NC	1128	33227	70449	90460					88056	65688	88471	68412	43862	75933	94412	53130	531	84867	329771	78269	12780	46712	68688	0	
NC	1081																	90040	52252	80755	72449	88724	31287	96244	
NC	1083																	63900	0	30402	70927	77715	0	96575	
NC	1093																	91961	50161	67553	55652	88870	0	21670	
NC	1093	36647																0	19661	90161	67553	55652	88870	0	
NC	1093																	59404	59375	0	96275	0	21670	56139	

Fig. 4-2

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AC	1135	5282	4608	3548	78126	93723	88065	88446	84231	72970	77938	50013	39126	77157	77847	0	41984	83576	36310	5883	57165	20827	53756	0	28384	72024	
AC	1064	5760	94586	65794	97255	92347	99797	88010	83331	88416	88416	87475	62776	95397	77847	10114	58884	61634	38113	79134	38775	16247	50000	0	33304	76517	
AC	1142	7380	51999	43101	53201	52513	78893	88992	46335	46129	46129	70726	51981	88351	92361	3943	58884	57279	0	42064	37168	0	60014	0	32535		
AC	1145	6266	82582	47998	71987	72129	83454	87788	58862	75632	75632	74717	93710	61882	84344	258516	49462	63562	375	27965	64346	80121	329	88774	0	58845	
AC	1086				91654											15345		63562	49122	68034	75167	71416	46497	68011	0	66146	
AC	1148		94175	91365	91278	73832										72788		75391	75391	63430	62261	4509	84313	0	79895	65160	
AC	1158	25730	73048	73775	61880	92700										0		85557	70889	99528	90867	87384	59596	72912	0	61951	
AC	1087	84038	88151	71955	97700											4433	47847		14156	90115	95515	77663	59774	0	46923		
AC	1165	63801			98714	10000										18283			40885	39033	33559	27376	8868	53862	0	14198	
AC	1166	7467	81285	53828	57953	68112										26872	4912	68095	65072	88873	65072	41455	1979	24967	0	33897	
AC	1161	44922	48892	52927	67437	49701	8849	97556	65927	91655		61924	77023	71925	72381	16162	78645	43862	41816	44136	42073	41455	1979	24967	0	61185	
AC	1162		95516	79802	71638	84854										16162	78645	43862	41816	44136	42073	41455	1979	24967	0	61185	
AC	1169															0	70835	62912	60940	0	15677	47116	32277	0	47372		
AC	1221	2619	4387	3736	31445	47659	88410	33888	62935	32864	16939	9243	67291	41356	34690	69148	0	70835	62912	60940	0	15677	47116	32277	0	47372	
AC	1089	4725	46633	4997	53016	32190										0	57930	6253	53461	29324	30533	41491	0	35788	52446	0	2619
AC	1223	3448	43138	80750	53490	41465										0	63418	90829	37084	11525	46298	40278	0	13300	34675	0	62713
AC	1231	89478	89977			96201										37336	59340	55155	45239	86742	88749	9473	41666	66563	0	83161	
AC	1082															58000						36752	78894	77185	0	94083	
AC	1222	4735	55933	37274	51167	60565										63409	90677	0	63402								
AC	1235	31452	23401	20072	21988	18172										11525	17065	68562	22484	58844	54262	0	3306	54298	0	29348	79539
AC	1088															808		63787	63787	0	34384	28330	0	0	11898	0	31174
AC	1236															808		9527	9543	8870	28681	47504	55429	0			
AC	1233															70274		89489	96113	21458	49556	78345	0	26142	94735	0	88381
AC	1099	41740	39521	39516	41258	49607										454	8072	80717	0	18444	27407	8821	765	28335	0	14313	79863
AC	1103	4529	55330	95462	70618	89972										5705	70251	39112	57593	93001	49734	65855	10539	29656	0	47025	70133
AC	1102															20588	52680			44546	51893	49083	52480	94254	82851	0	59081
AC	1265															89336	10106		77888	26274	25791				0	56714	
AC	1108	5575	67016	5106	91318	57154										651		42495	77838	62195	70928	40880	0	31167	0	83313	79899
AC	1090															37437	37437	45340	5324	5510	72315	21035	54549	28271	0	77899	65160

<100,000
1,000

Fig. 4-3

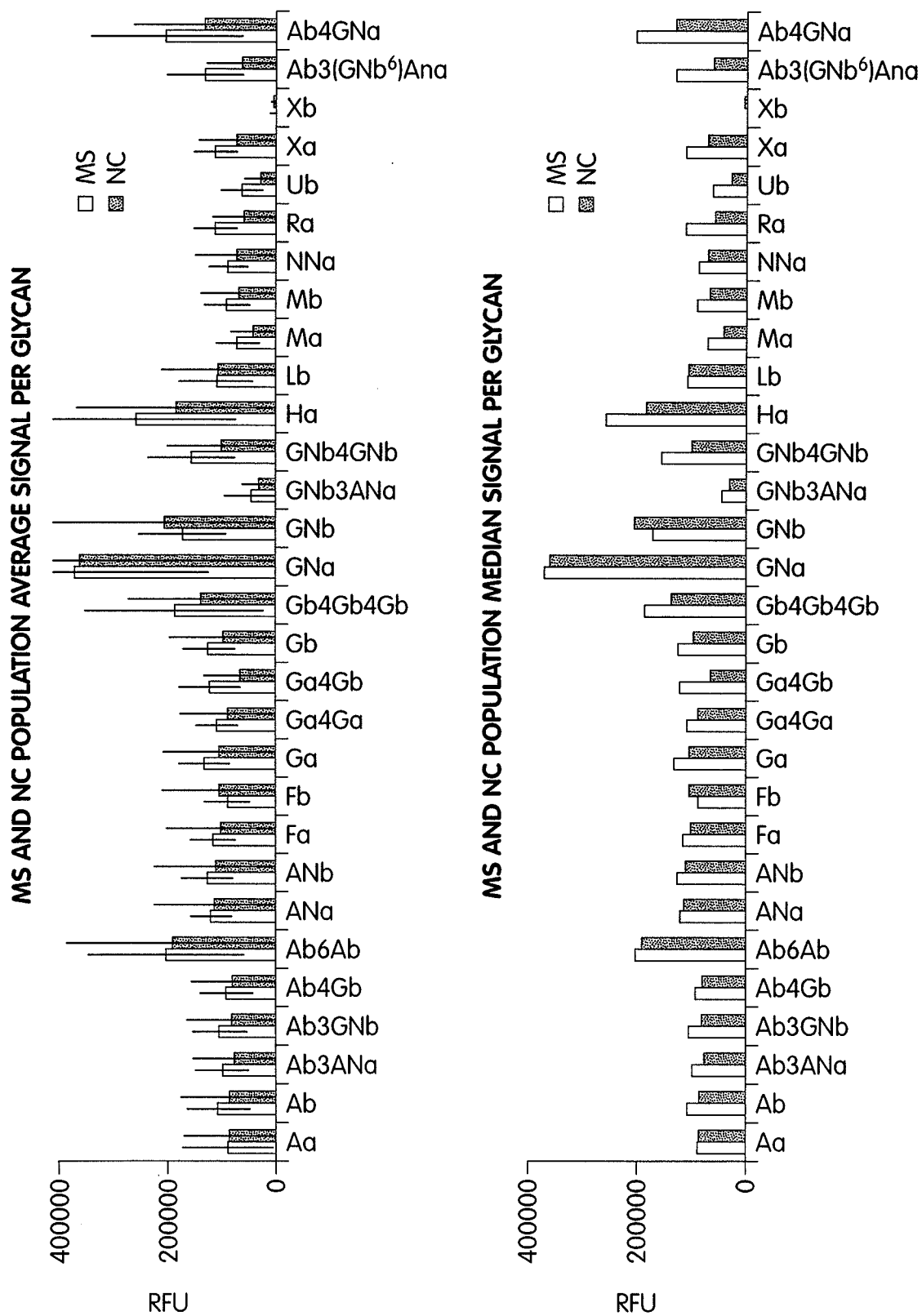


Fig. 5

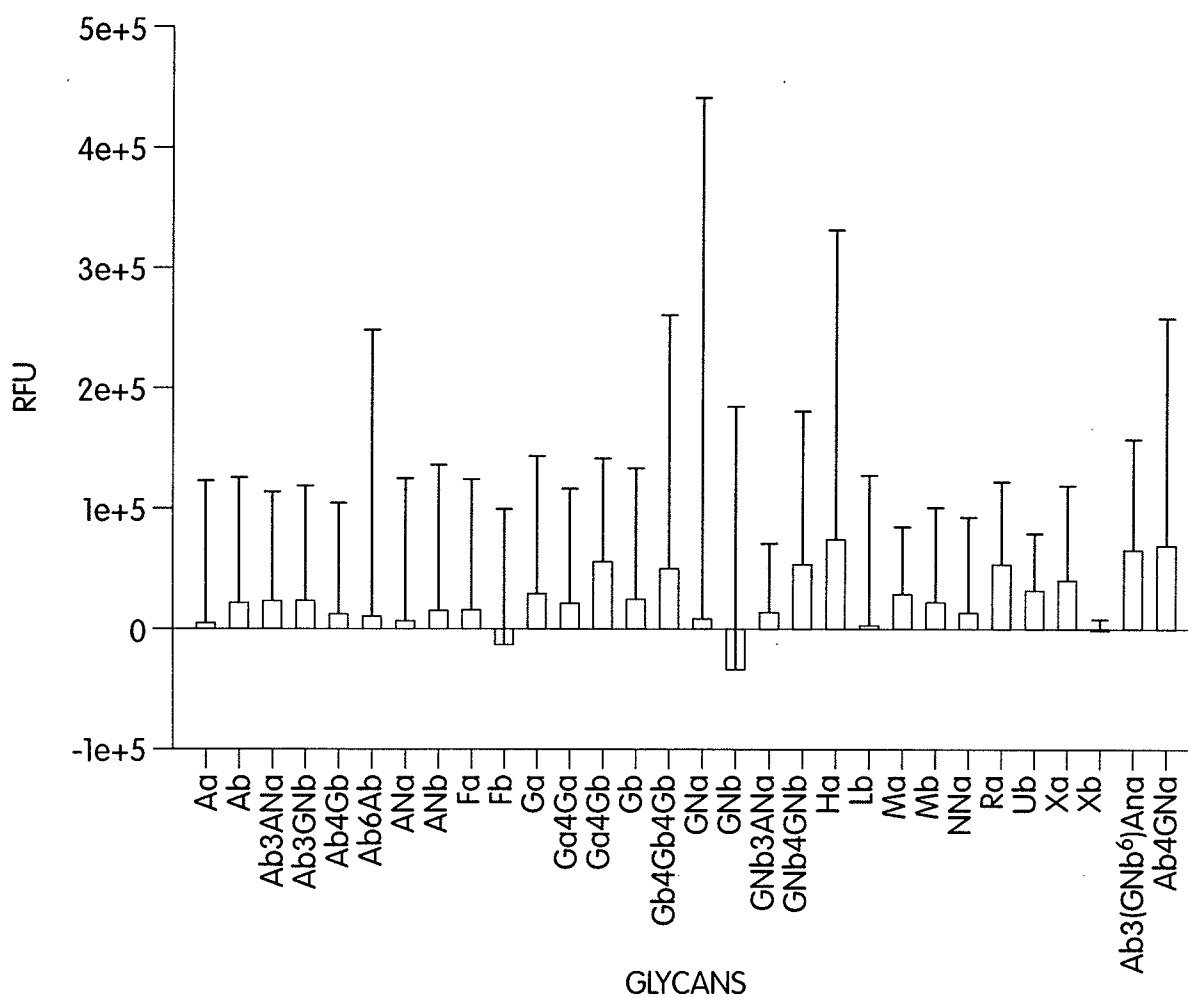


Fig. 6

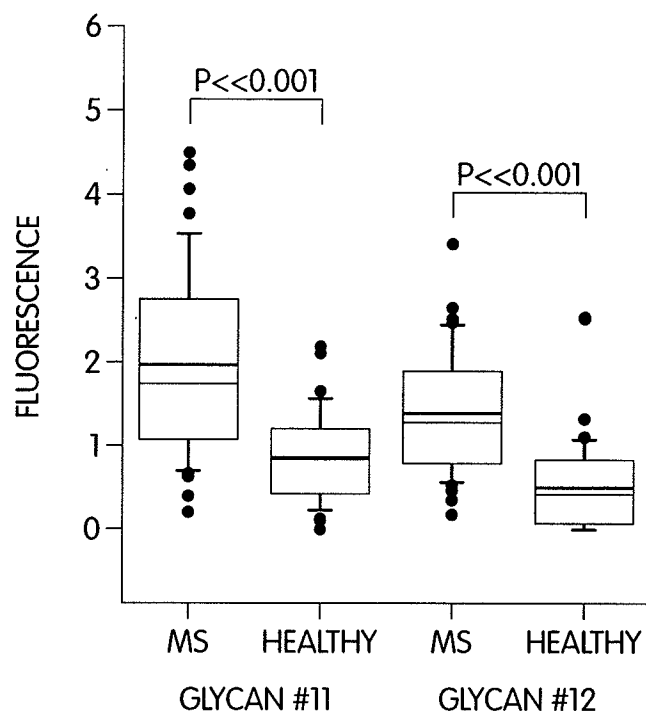


Fig. 7A

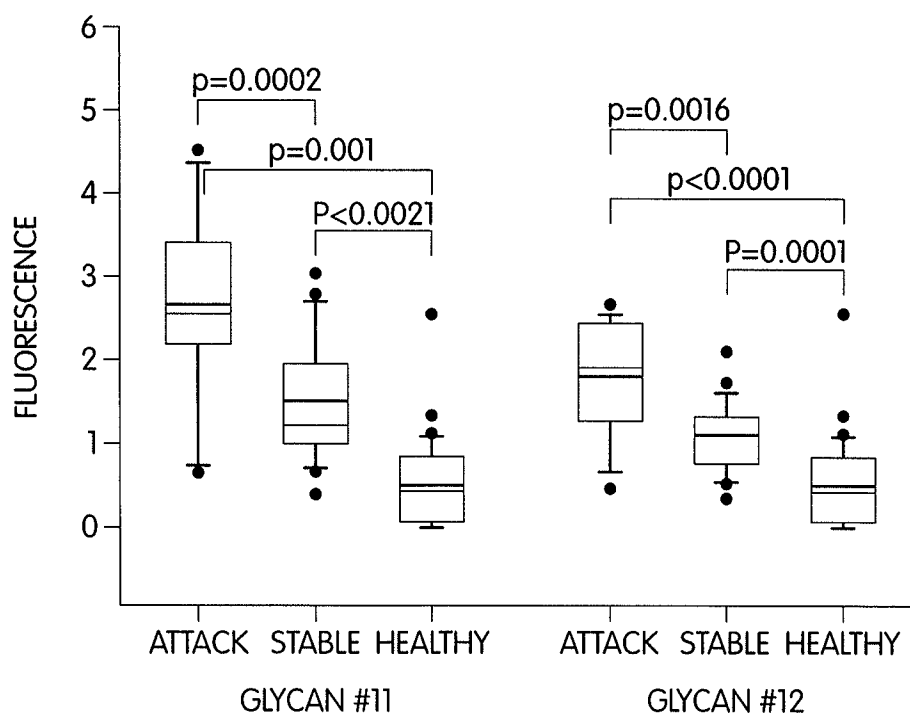


Fig. 7B

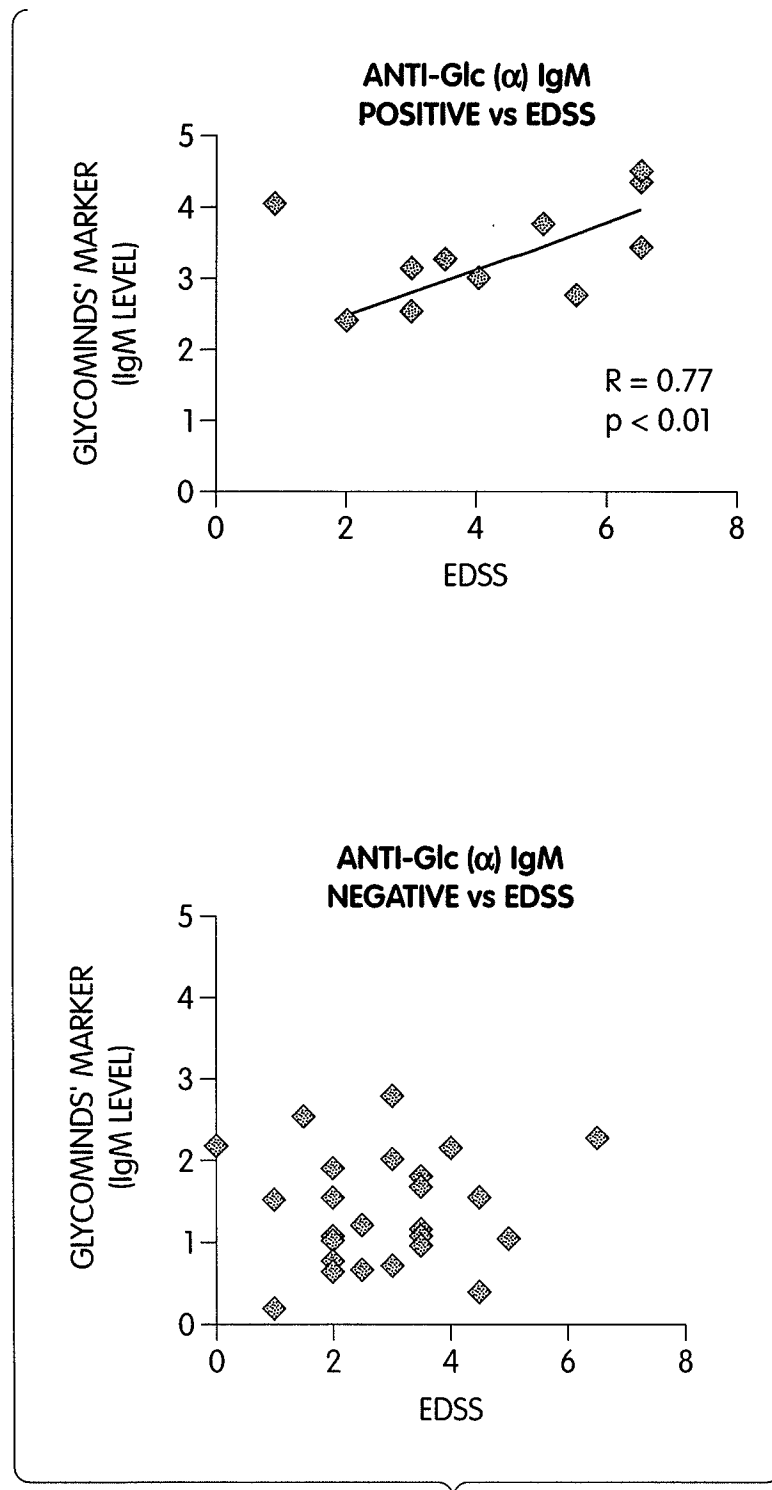


Fig. 8

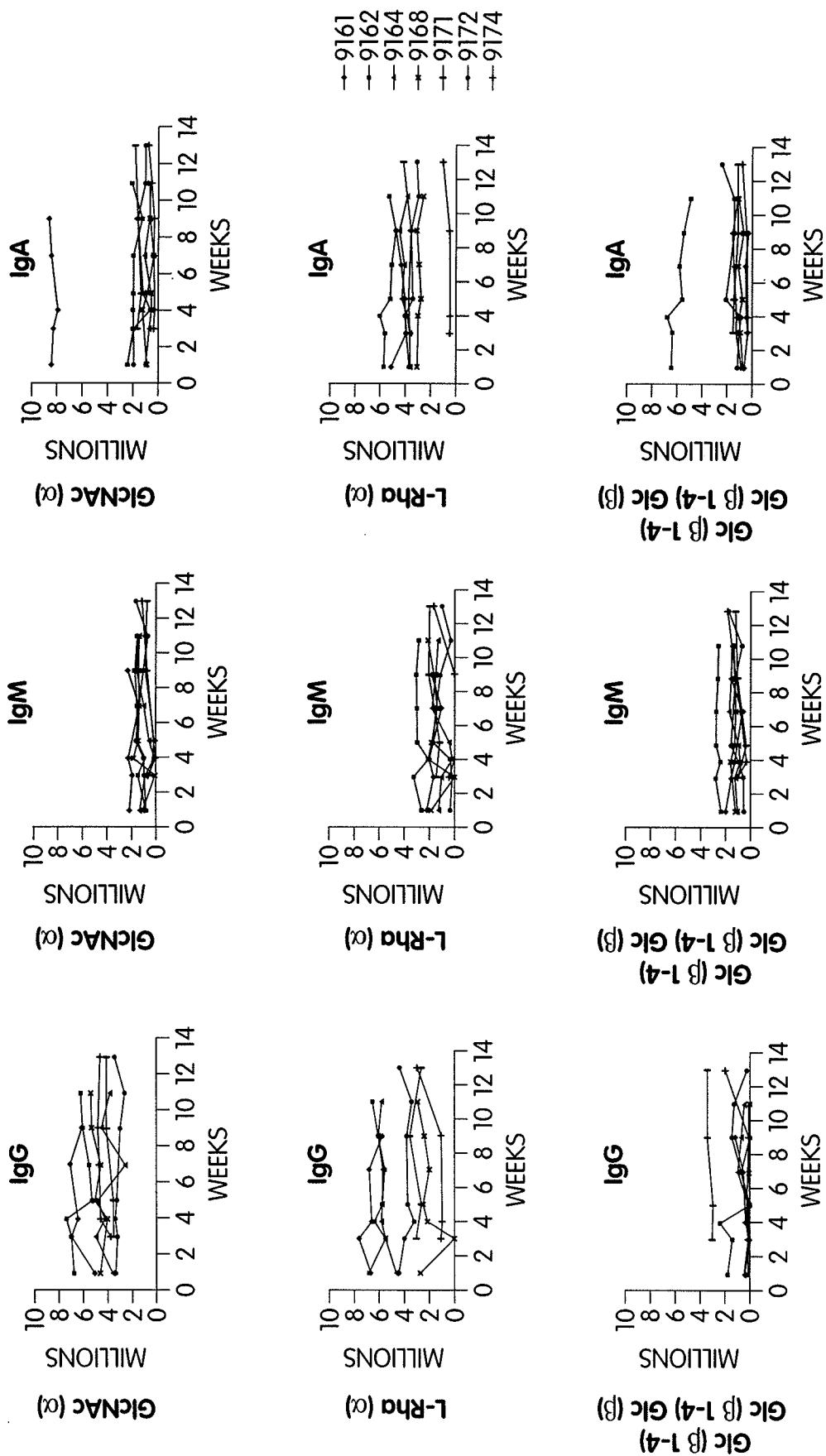


Fig. 9

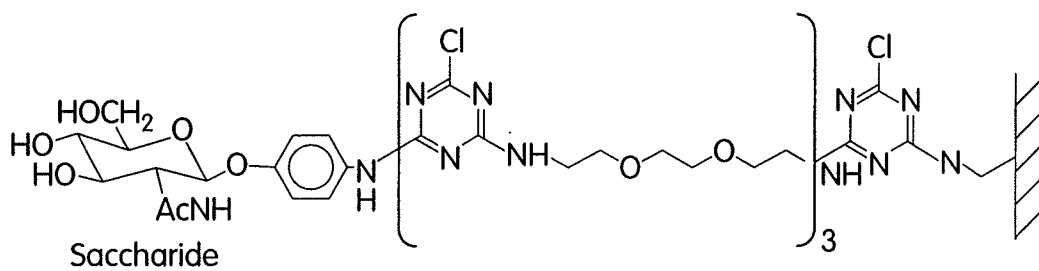


Fig. 10A

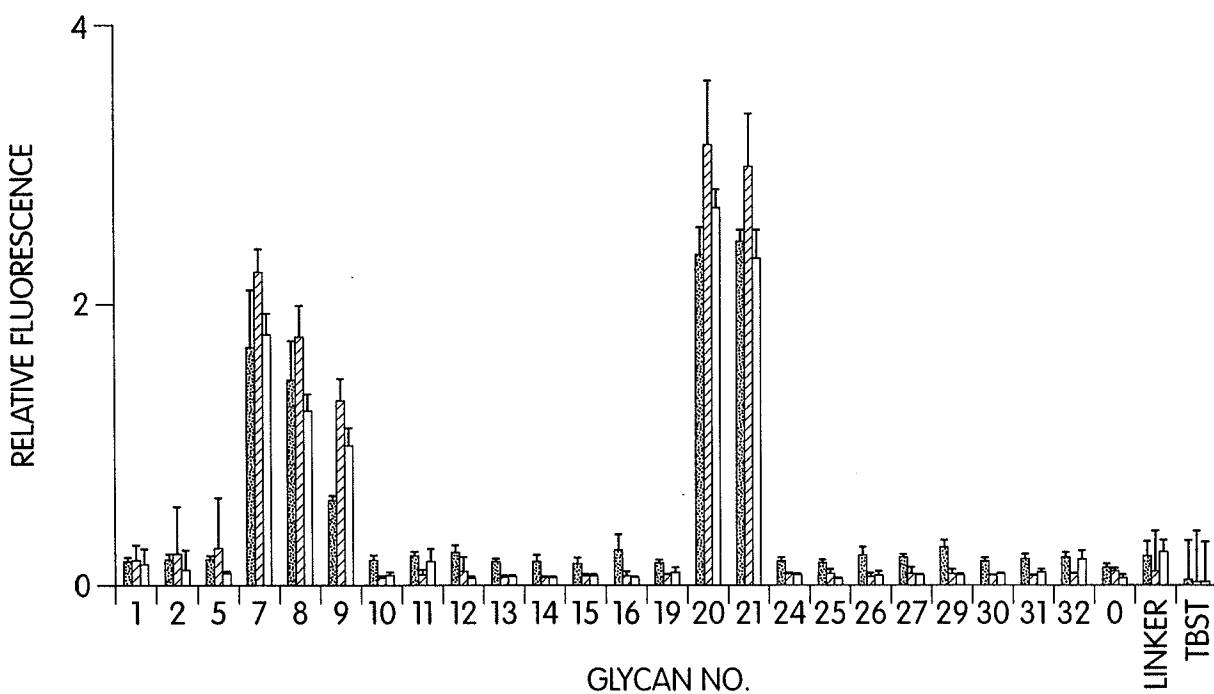


Fig. 10B

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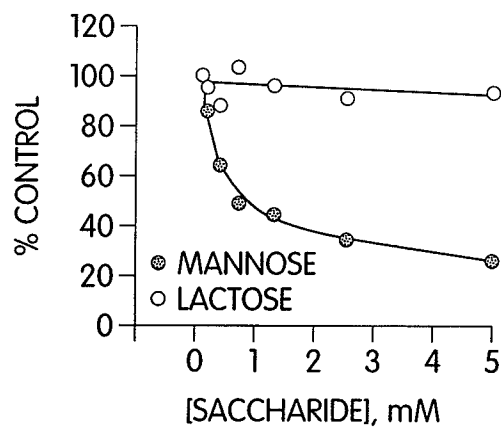


Fig. 10C

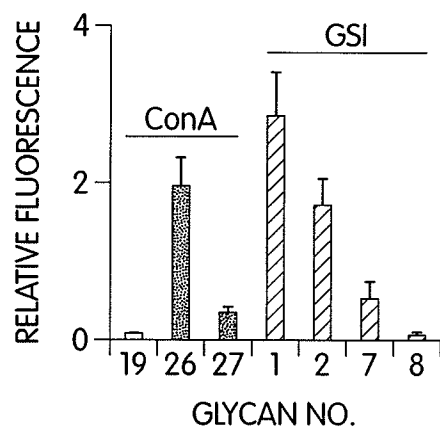


Fig. 10D

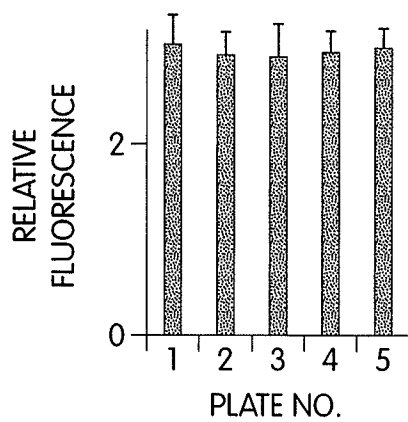


Fig. 10E

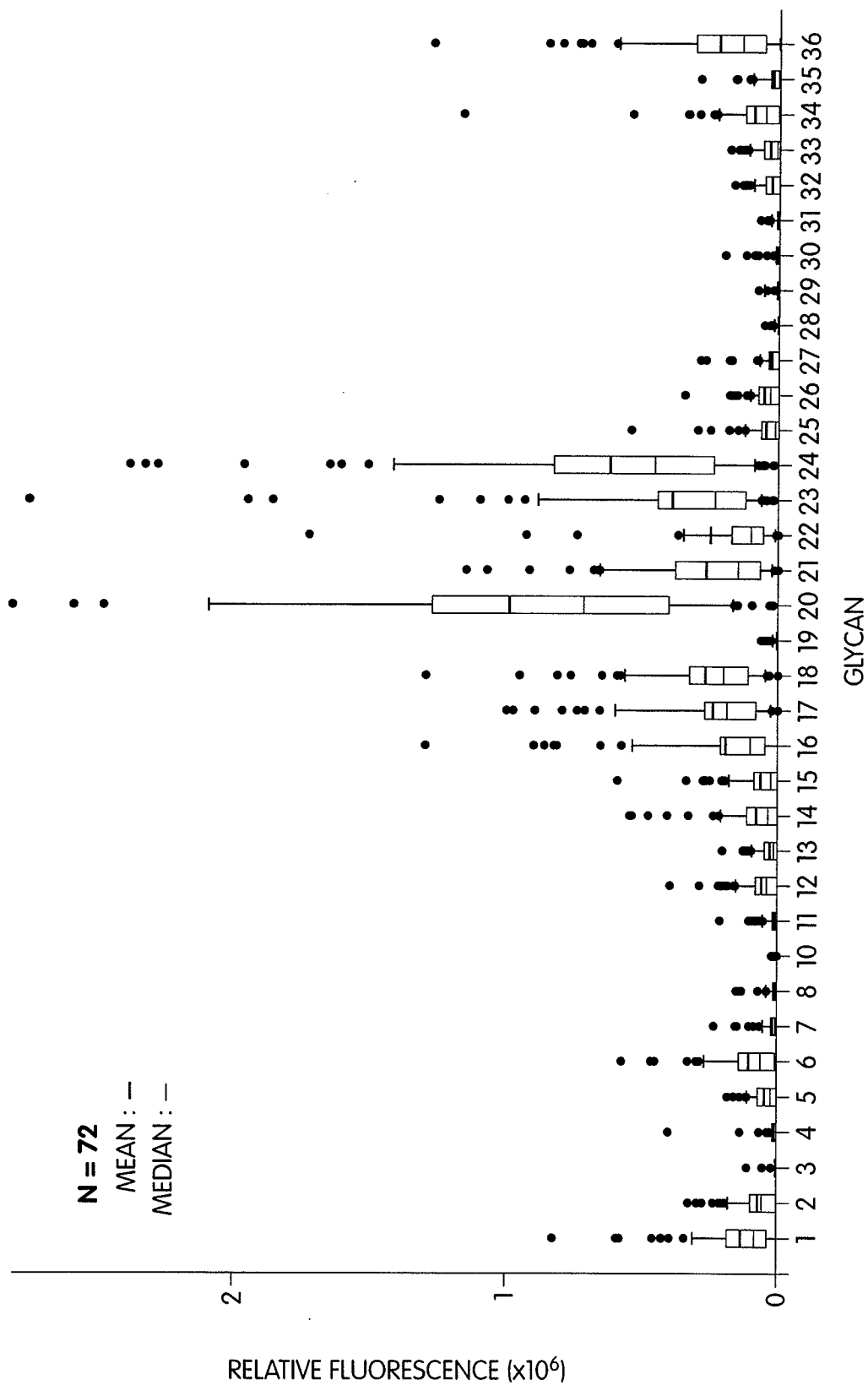


Fig. 11

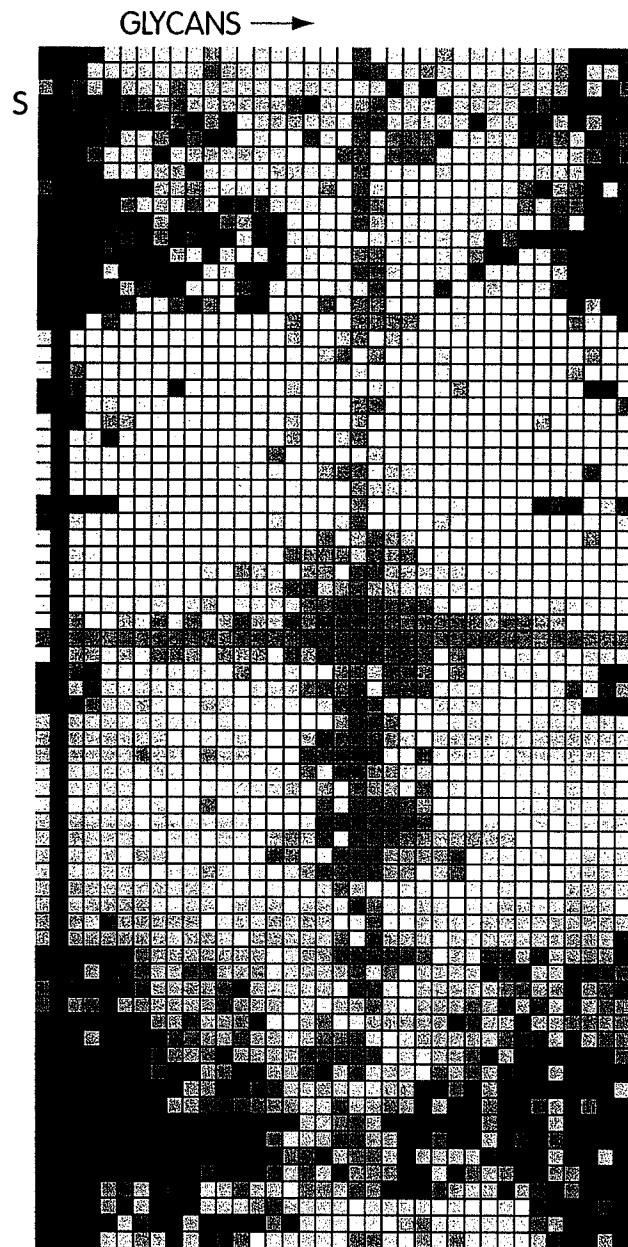


Fig. 12

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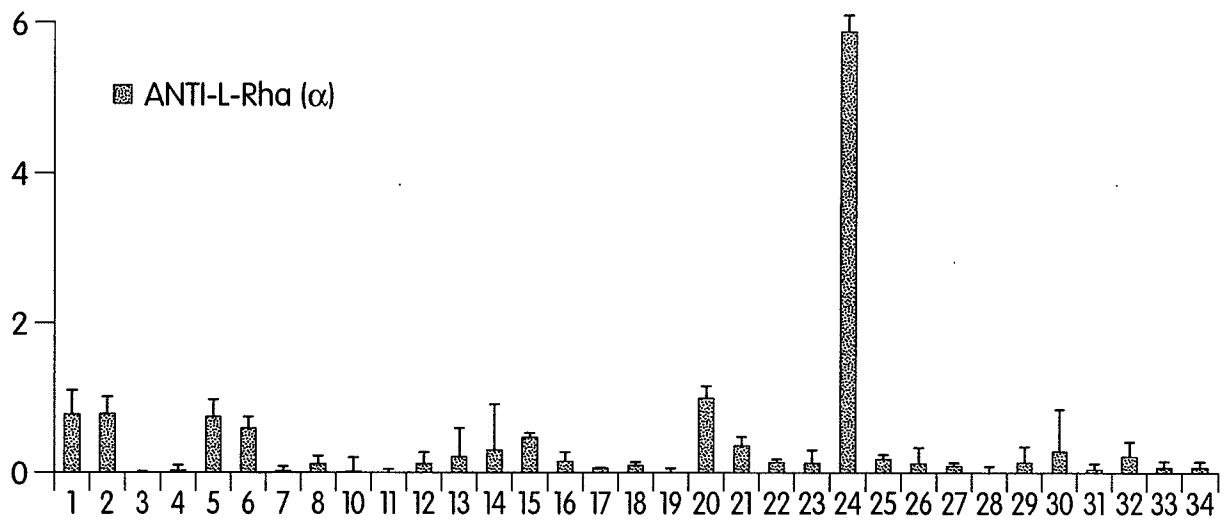


Fig. 13A

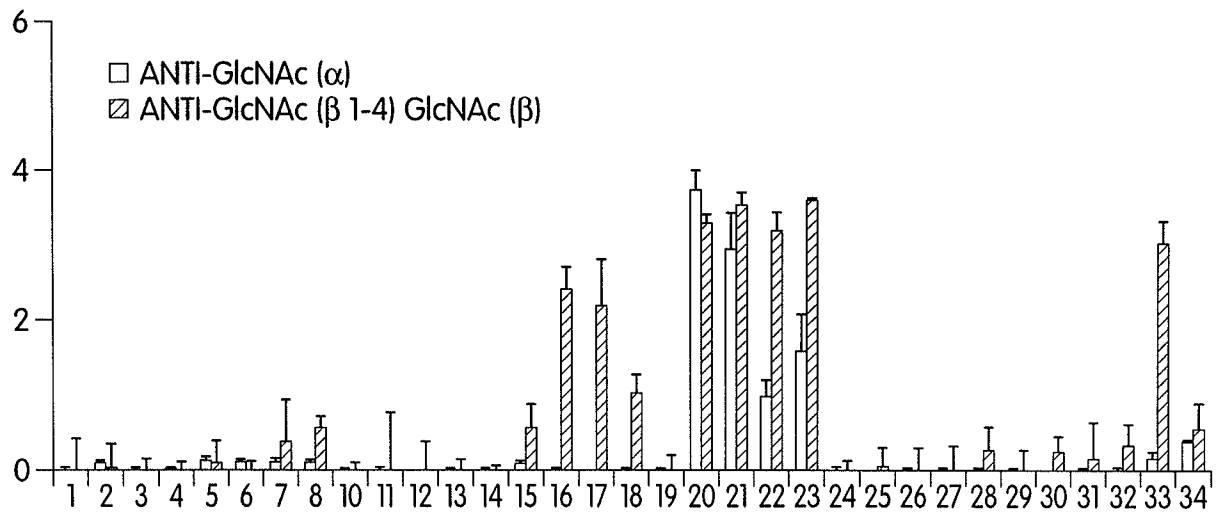


Fig. 13B

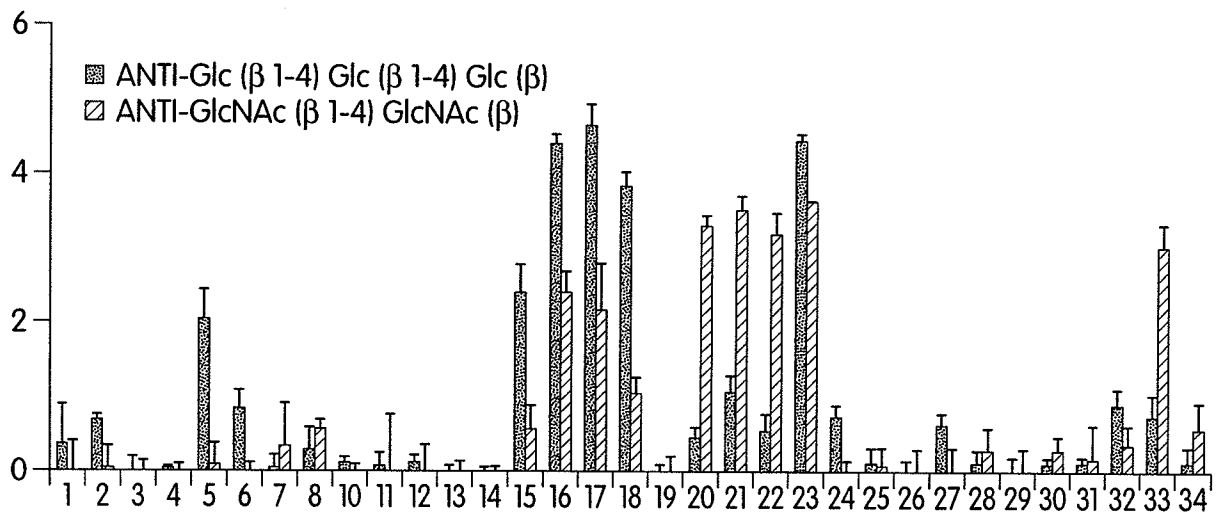


Fig. 13C

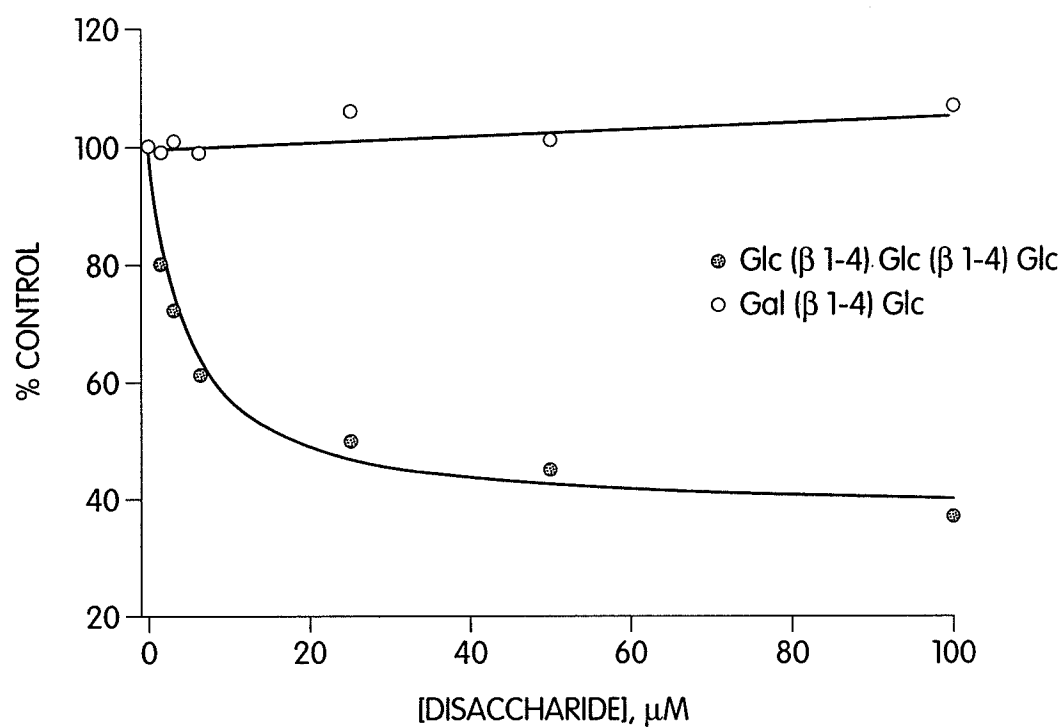


Fig. 14A

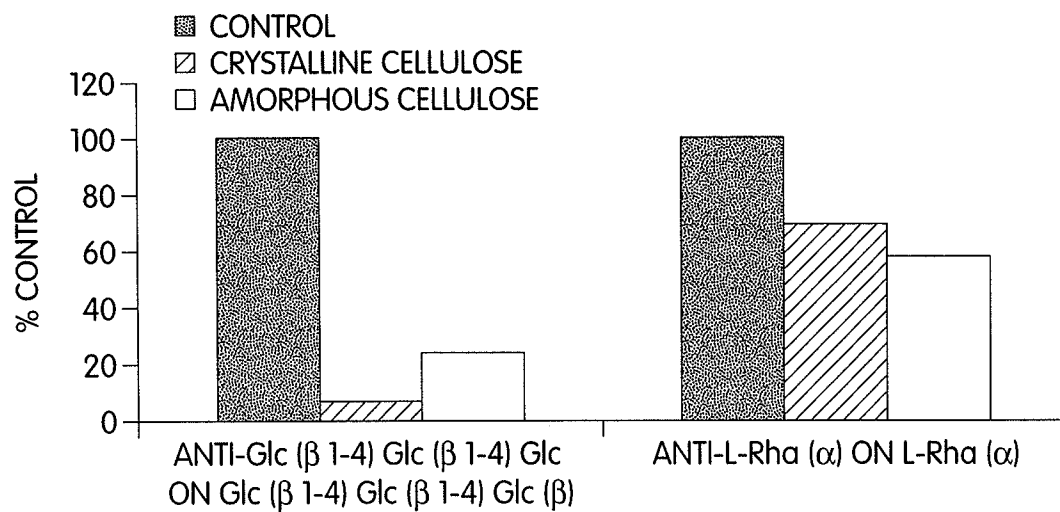


Fig. 14B

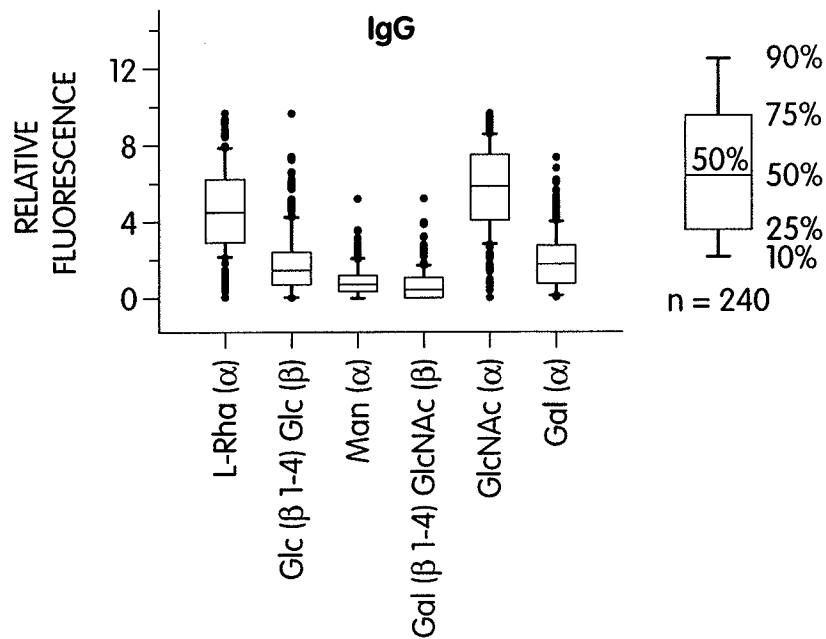


Fig. 15A

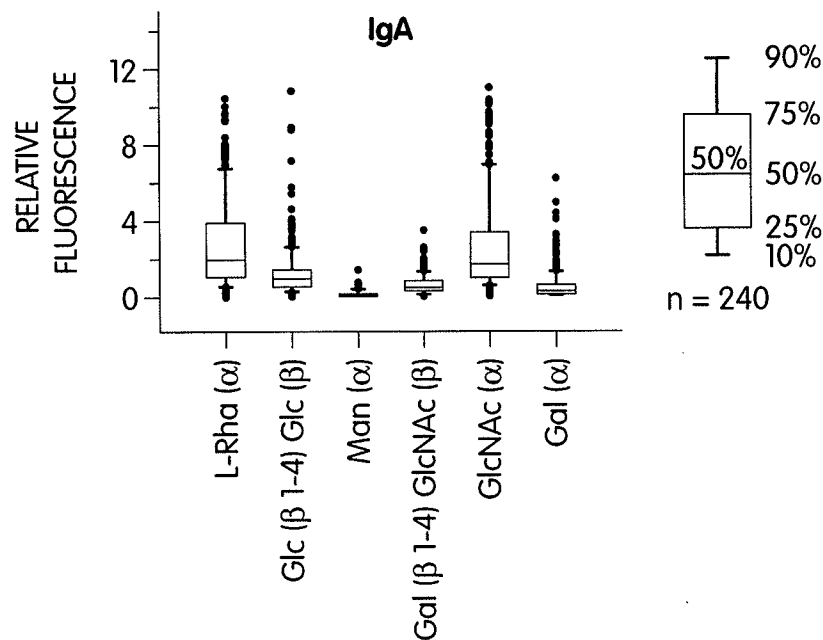


Fig. 15B

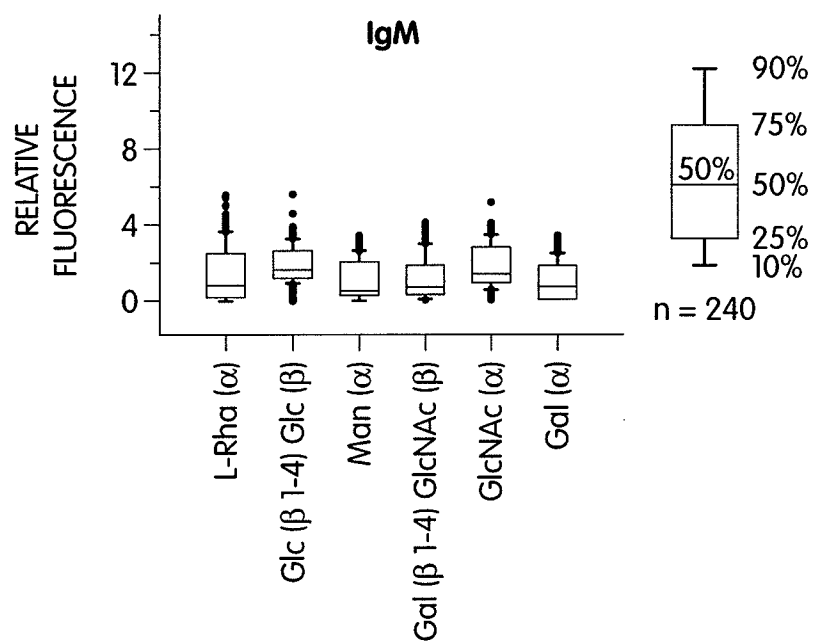


Fig. 15C

GLYCAN #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
IgA																																																		
1x stdev																																																		
2x stdev																																																		
IgG																																																		
1x stdev																																																		
2x stdev																																																		
IgM																																																		
1x stdev																																																		
2x stdev																																																		

Fig. 16A

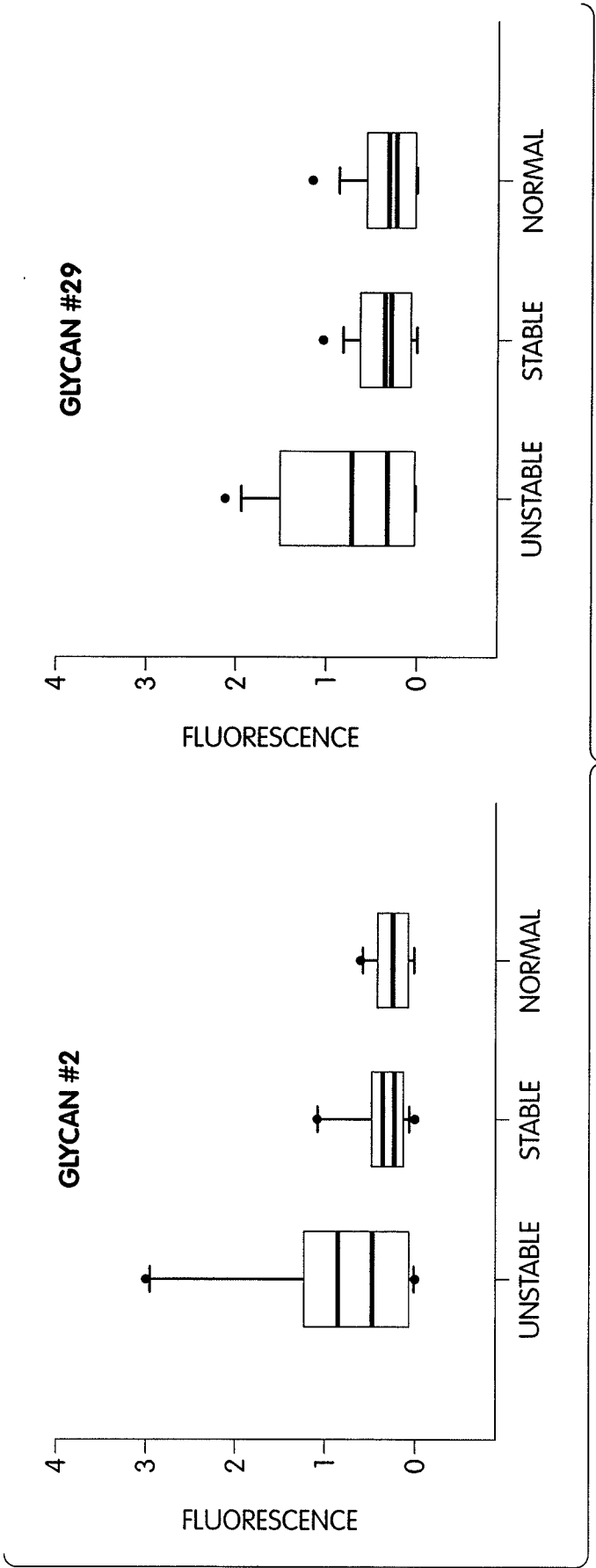


Fig. 16B

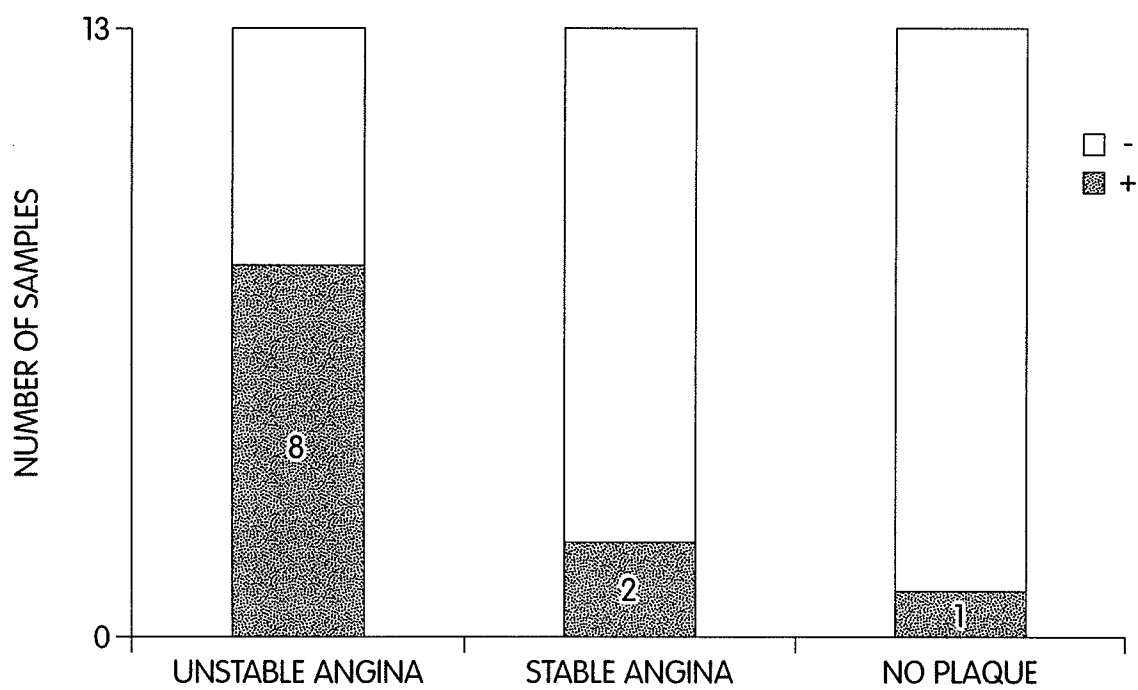


Fig. 17

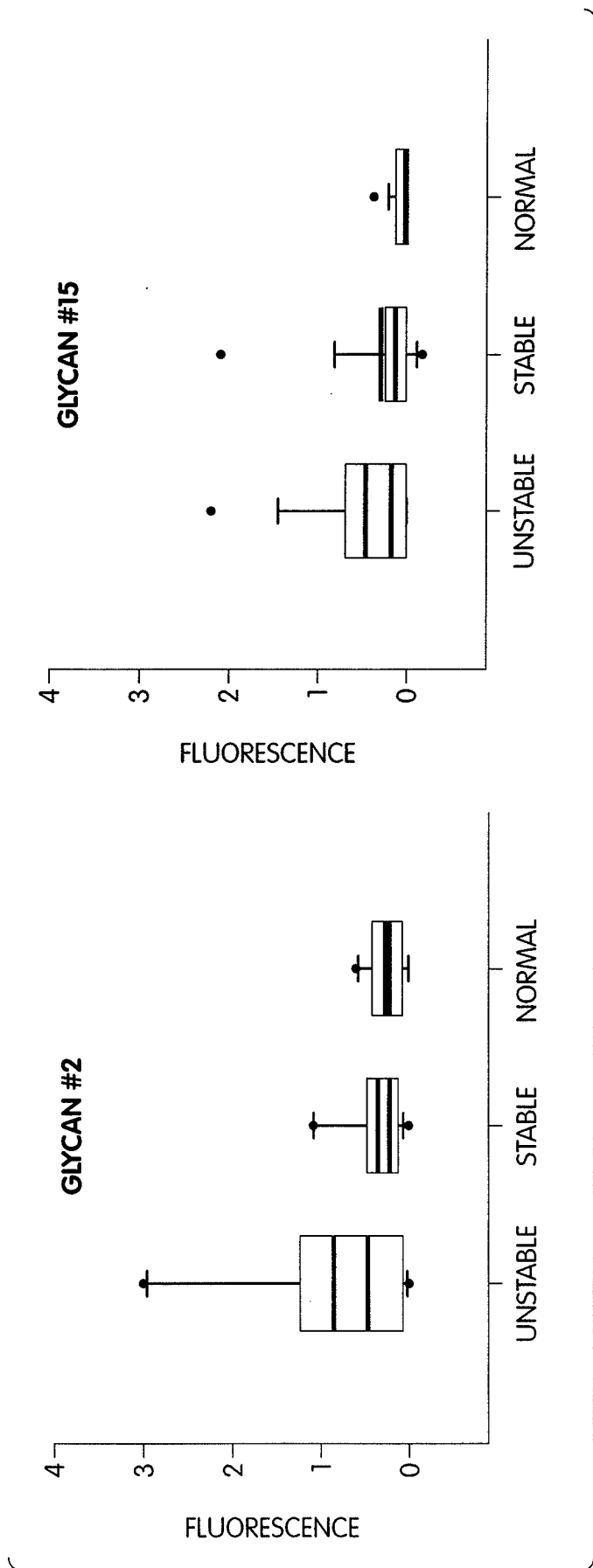


Fig. 18A

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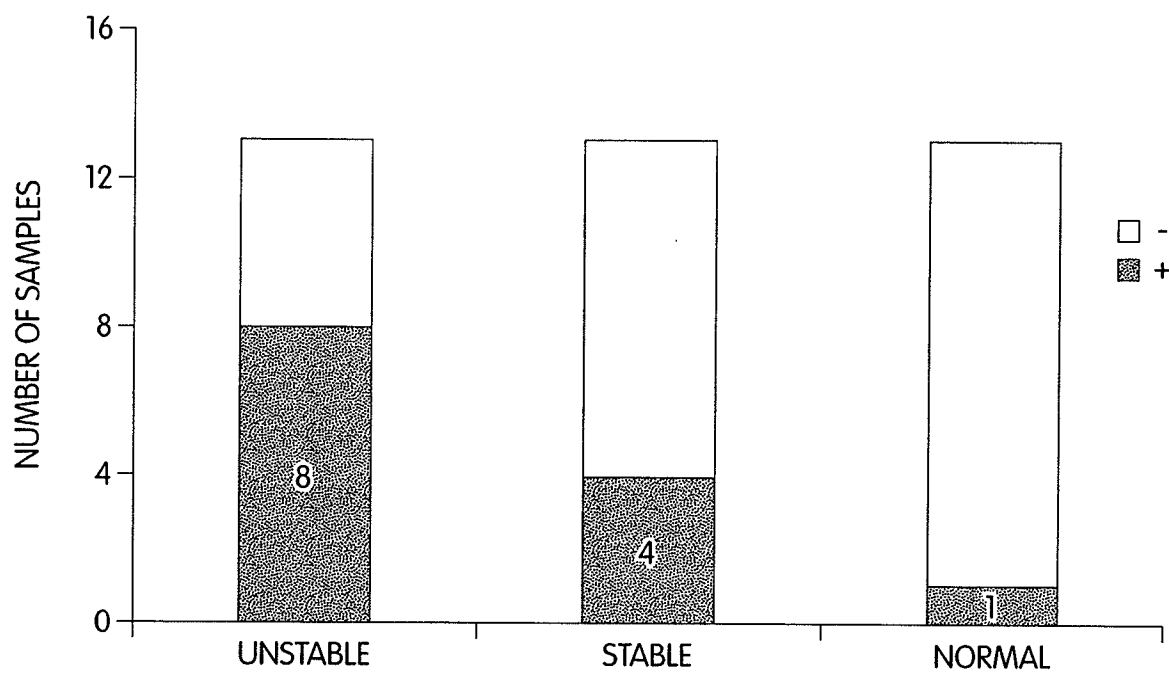


Fig. 18B

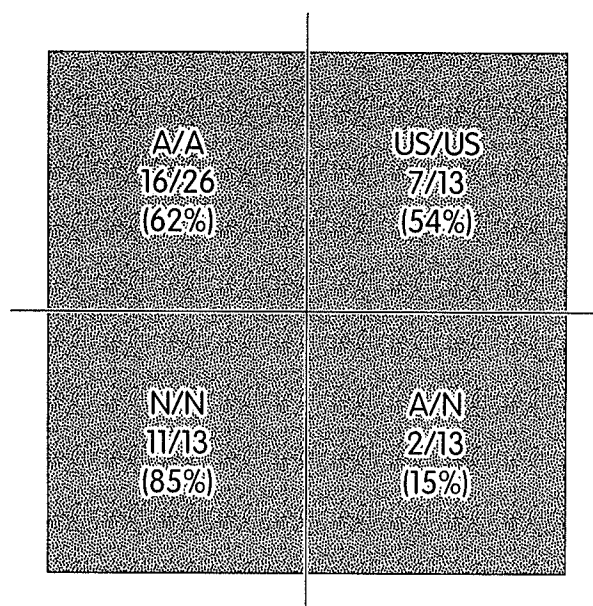


Fig. 19

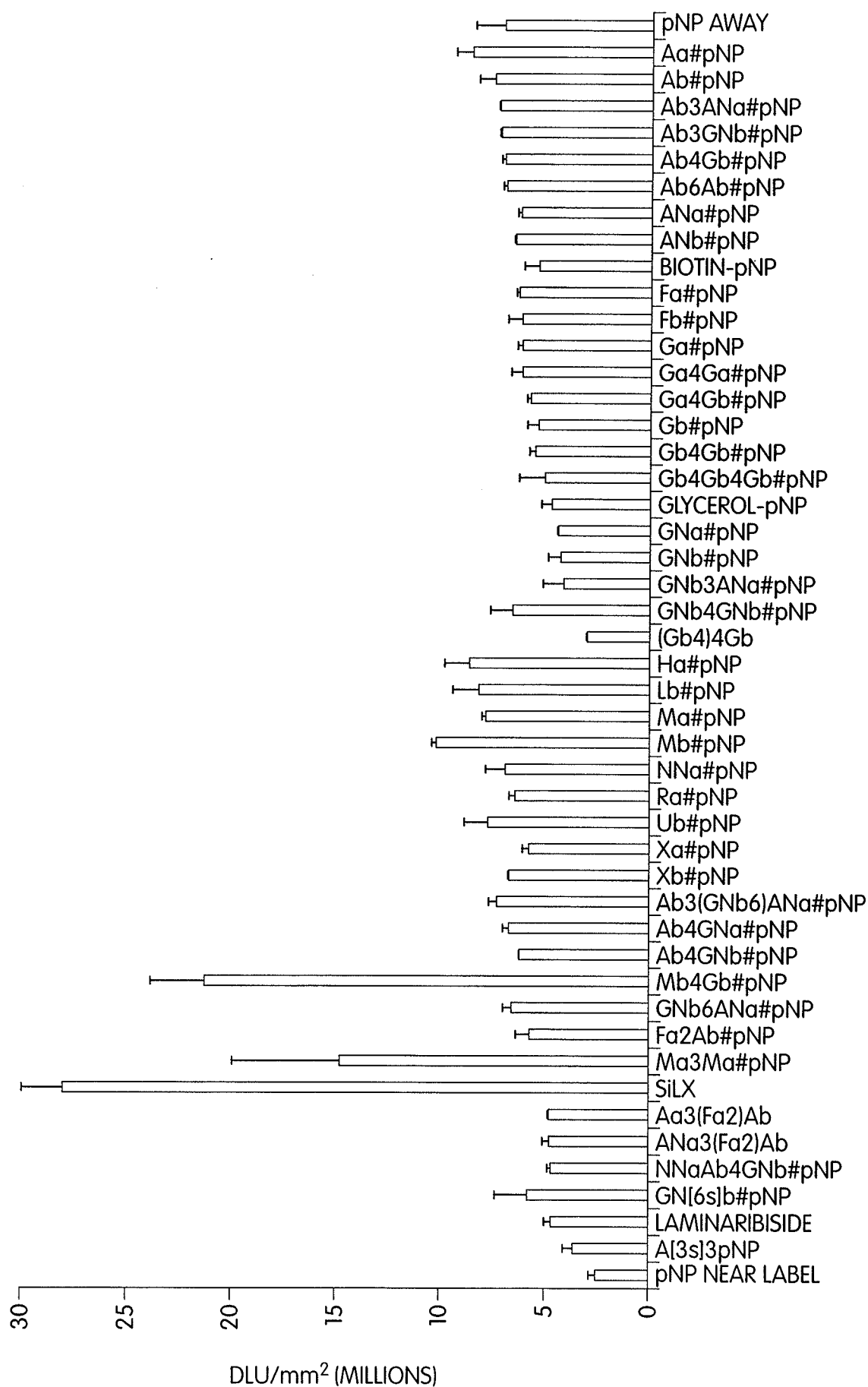


Fig. 20

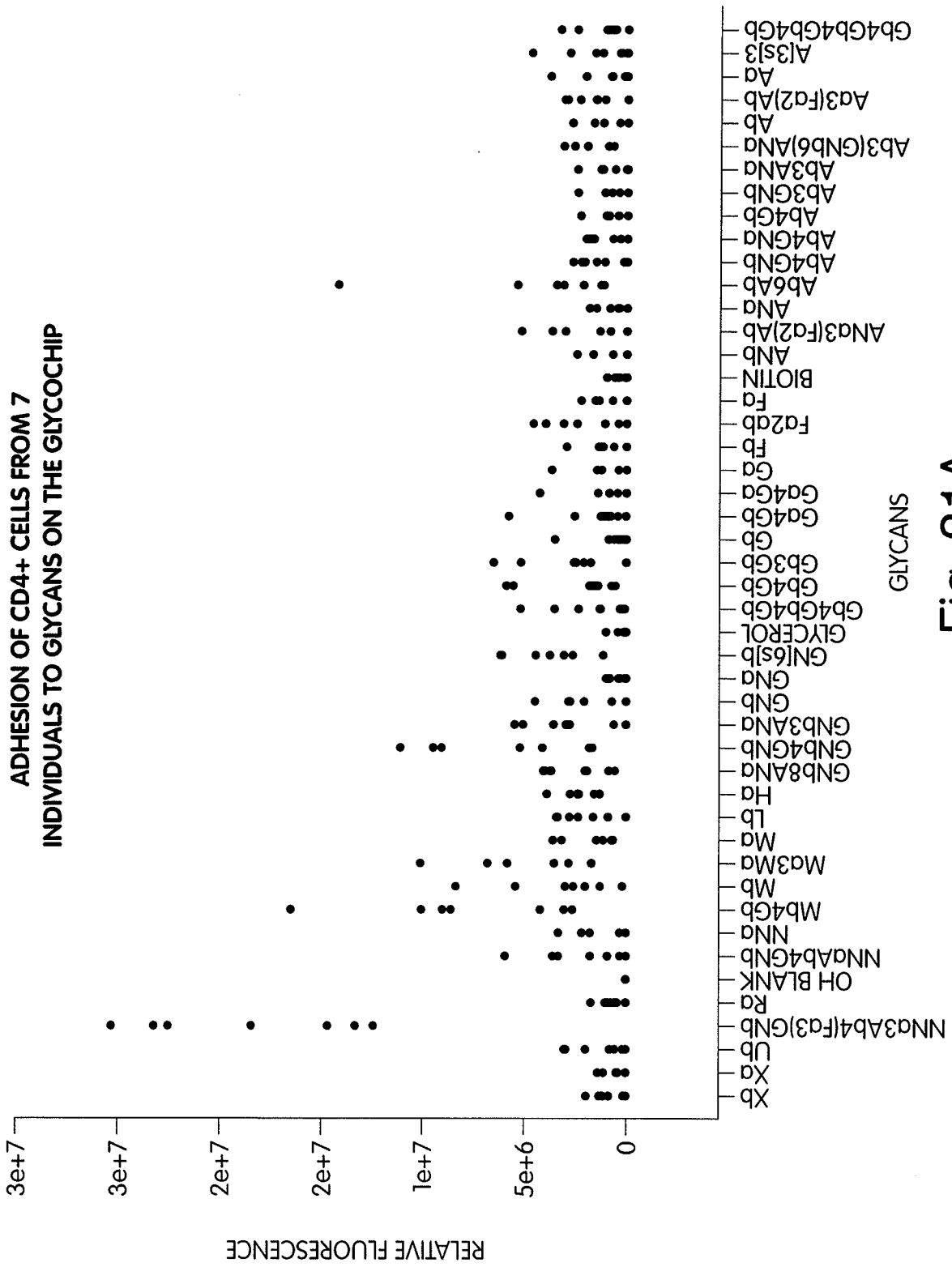


Fig. 21A

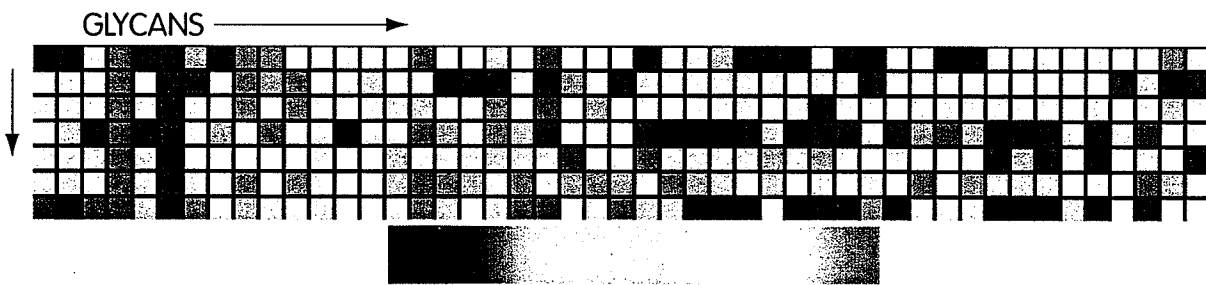


Fig. 21B